

## N.M. Oil Cons. DIV-Dist. 2

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Artesia, NM 88210

## WELL COMPLETION, DRILLING COMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM 62171
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Cabal Energy Corporation		7. Unit or CA Agreement Name and No. N/A
3. Address 415 West Wall Street Midland, Texas 79701		8. Lease Name and Well No. High Hog 9 Federal #1
3a. Phone No. (include area code) 432-682-0440		9. AFI Well No. 30-015-33462
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 460' FNL & 2450' FEL At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Wildcat
14. Date Spudded 06/28/2004		11. Sec., T., R., M., on Block and Survey or Area Sec 9, T25S, R25E
15. Date T.D. Reached 09/09/2004		12. County or Parish Eddy Co.
16. Date Completed 03/01/2004 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State NM
17. Elevations (DF, RKB, RT, GL)* 3565'		

18. Total Depth: MD 11,396' TVD	19. Plug Back T.D.: MD 11,128' TVD	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Acoustilog, Gamma Ray, Density / Neutron, Laterolog		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8 K	64	Surface	1395'		1100 sxs		Surface (Circ)	None
12-1/4"	9-5/8 pcn	53.5 / 47	Surface	8186'	2595'	2750 sxs		Surface (Circ)	None
8-1/2"	5-1/2 LN	20	7882'	11,410'		1400 sxs		7523' (TS)	None

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	11,102'	10,945'						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11081'	11090'	11224' - 11236'	2 SPF	25	Abandoned
B)			11149' - 11173'	2 SPF	17	Abandoned
C)			11081' - 11090'	2 SPF	13	Opened
D)						

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
11149' - 11173'	500 gals Clay-Safe 5
11081' - 11090'	300 gals Clay-Safe 5

## 28. Production - Interval A

Date First Produced 03/01/2005	Test Date 03/02/2005	Hours Tested 24	Test Production →	Oil BBL 0	Gas MCF 270	Water BBL 11	Oil Gravity Corr. API N/A	Gas Gravity	Production Method Flowing
Choke Size 48/64	Tbg. Press. Flwg. SI 590#	Csg. Press. 0#	24 Hr. Rate →	Oil BBL 0	Gas MCF 270	Water BBL 11	Gas/Oil Ratio N/A	Well Status	Producing
28a. Production - Interval B									ACCEPTED FOR RECORD JUN - 6 2005 LES BABYAK PETROLEUM ENGINEER
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

\*(See instructions and spaces for additional data on page 2)

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
	500	1020	Anhydrite	Anhy	500
	1020	1060	Salt	Salt	1020
	1060	1470	Anhydrite	Salt	1050
	1470	1920	Sand	Delaware Sand	1354
	1920	2050	Dolomite	Bone Springs	6197
	2050	5020	Sand	Wolfcamp	8146
	5020	6180	Shale and Lime	Penn	10010
	6180	6490	Pre-Lime with Shale	Strawn	10110
	6490	6570	Shale and Lime	Atoka	10460
	6570	7300	Lime with Shale	Morrow Lime	10567
	7300	7800	Lime and Shale	Morrow Clay	10896
	7800	8110	Sand with Shale and Lime	Middle Morrow Shale	11058
	8110	8700	Shale with Lime	Lower Morrow Shale	11256
	8700	9400	Lime with some Shale		
	9400	10100	Shale		
	10100	10900	Lime with some Shale		
	10900	10920	Sand with Lime		
	10920	11000	Lime with some Shale		
	11000	11060	Shale with Lime		

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)    ☐ Geologic Report    ☐ DST Report    ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification    ☐ Core Analysis    ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Lindsay TruesdellTitle Consultant

Signature \_\_\_\_\_

Date 05/10/2005

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
	11060	11100	Continued...		
	11100	11142	Sand with Lime and Shale		
	11142	11170	Shale with Lime and some Sand		
	11170	11210	Sand with Lime		
	11210	11240	Shale and Sand Mix		
	11240	11320	Sand with Shale and Lime		
	11320	11350	Shale, Lime and Sand		
	11350	11396	Lime and Shale		
			Shale		

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)    ☐ Geologic Report    ☐ DST Report    ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification    ☐ Core Analysis    ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Lindsay TruesdellTitle Consultant

Signature

Lindsay TruesdellDate 05/10/2005

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.